

Figure 1

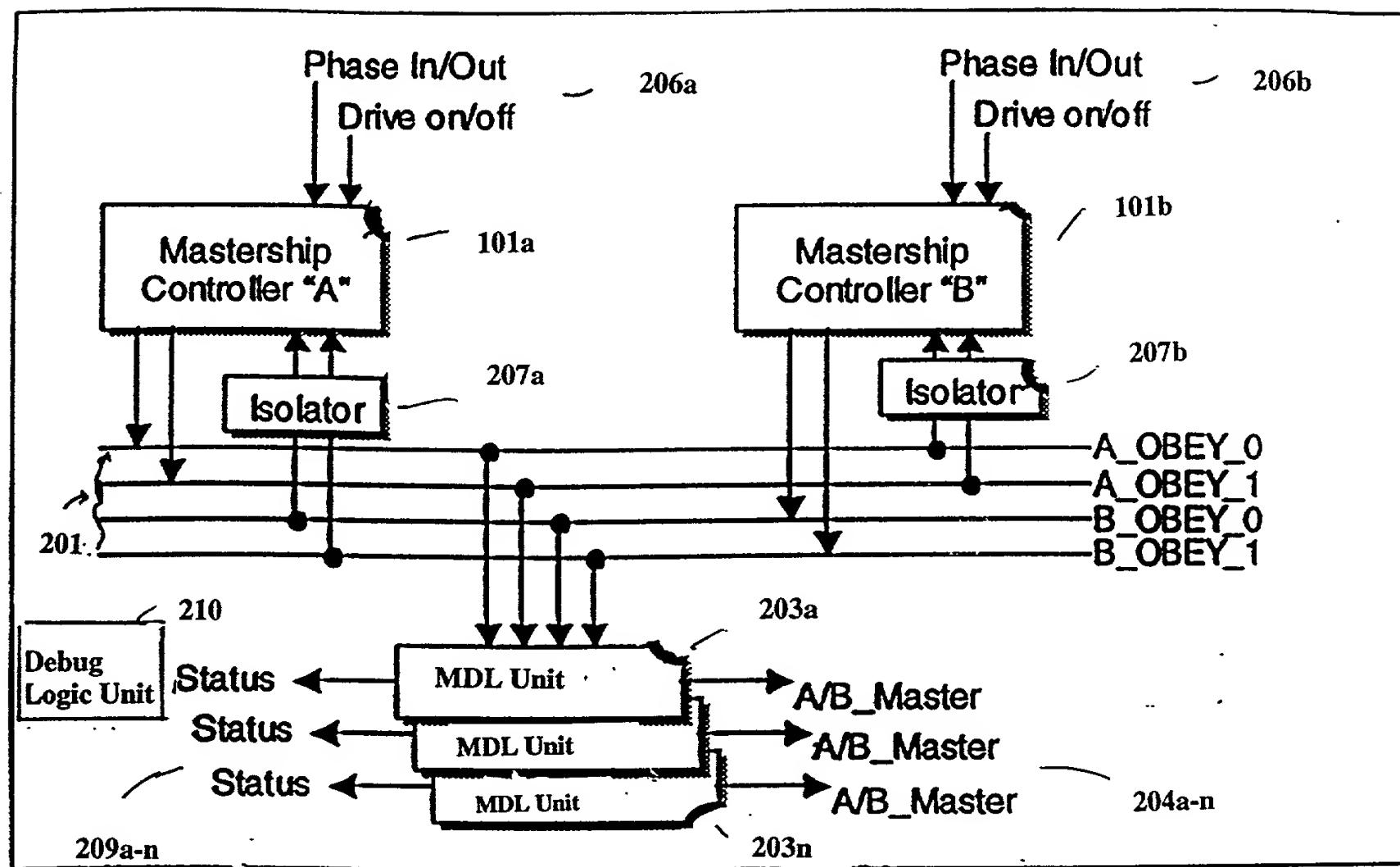


Figure 1: Mastership circuitry

determined			Controller to be Working	Comments
A-OBEY	B-OBEY	Phase		
None	None	N/A	A	Abnormal condition, included for completeness: normally one controller should want to be master
Clocking	None	N/A	A	Controller_B absent, faulted, or doesn't want to be master
None	Clocking	N/A	B	As above, but for Controller_A
Clocking	Clocking	IN	A	Both controllers are functioning correctly, and A is as the master controller
Clocking	Clocking	OUT	B	Both controllers are functioning correctly, and B is as the master controller

Figure 2: Mastership rules with clocked mastership lines determination